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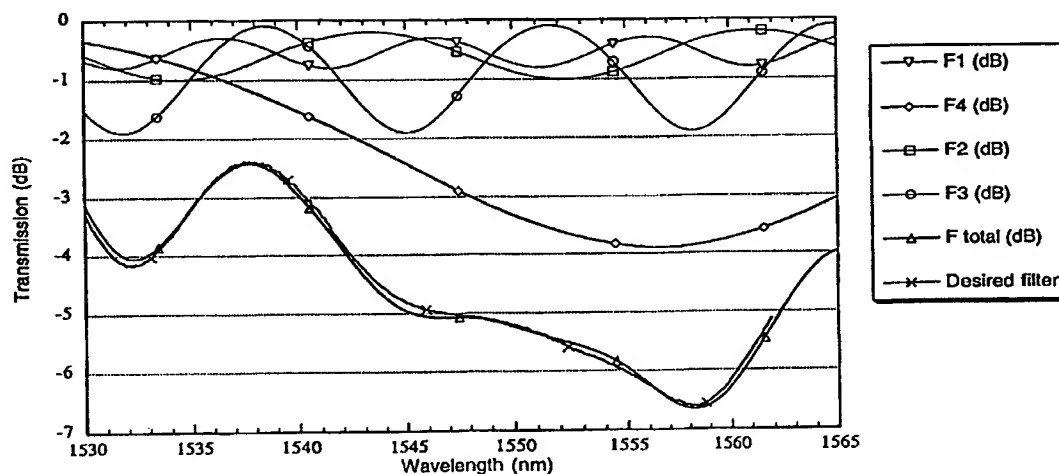
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(54) Title: OPTICAL FILTERS AND METHOD OF MAKING THE SAME



(57) Abstract

An optical filter is produced that has a desired spectral response. This is done by first decomposing the desired spectral response into individual simulated responses (F1..F4) using a suitable computer program. Then tapered fiber filters are manufactured with parameters that closely match the individual responses. And finally the tapered fiber filters are concatenated on a single-mode fiber to produce the optical filter with a total response that closely matches the desired spectral response.